

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of manufacturing a battery powered device comprising:  
providing first and second battery subassemblies packaged separately during shipping in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the first battery subassembly being connectable to the second battery subassembly to form a battery assembly having more electrical capacity than the first and second battery subassemblies individually, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery;  
connecting the first battery subassembly to the second battery subassembly after shipping to form the battery assembly; and  
connecting the battery assembly to the battery powered device to supply power thereto.
2. (Original) The method of claim 1 including mechanically connecting the first battery subassembly to the second battery subassembly.
3. (Original) The method of claim 1 including electrically connecting the first battery subassembly to the second battery subassembly.
4. (Currently Amended) The method of claim 1 wherein the first battery subassembly exhibits a first cell chemistry.
5. (Original) The method of claim 4 wherein the second battery subassembly exhibits a second cell chemistry.
6. (Original) The method of claim 5 wherein the first cell chemistry is different from the second cell chemistry.
7. (Original) The method of claim 5 wherein the first cell chemistry is lithium ion chemistry.

8. (Original) The method of claim 5 wherein the second cell chemistry is nickel metal hydride chemistry.
9. (Currently Amended) The method of claim 1 wherein the first battery subassembly and second battery subassembly are in ~~parallel~~parallel when connected together.
10. (Original) The method of claim 1 wherein the first battery subassembly and second battery subassembly are in series when connected together.
11. (Currently Amended) The method of claim 1 wherein the first and second battery subassemblies are ~~shipped separated from one another prior to connecting the first battery subassembly to the second battery subassembly~~connected to form the completed battery assembly.
12. (Currently Amended) The method of claim 1 wherein the connecting is performed by an ~~IHS information handling system (IHS)~~ configuration facility.
13. (Original) The method of claim 1 wherein the connecting is performed by a customer.
14. (Original) The method of claim 1 wherein the battery powered device is an information handling system.
15. (Currently Amended) A method of manufacturing a battery for use in a battery powered device, the method comprising:

providing a first battery subassembly including a subassembly to subassembly electrical connector and a device power connector for supplying power to the battery powered device, the first battery subassembly including a subassembly to subassembly mechanical connector; and

providing a second battery subassembly including a subassembly to subassembly electrical connector for electrically connecting to the subassembly to subassembly electrical connector of the first battery subassembly, the second battery subassembly including a subassembly to subassembly mechanical connector for mechanically connecting to the subassembly to subassembly mechanical connector of

the first battery subassembly, the first and second subassemblies being packaged separately during shipping in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery.

16. (Original) The method of claim 15 including electrically and mechanically connecting the first battery subassembly to the second battery subassembly to form a completed battery assembly.
17. (Original) The method of claim 16 including positioning the completed battery assembly in a bay of the battery powered device.
18. (Original) The method of claim 17 including electrically connecting the device power connector to a corresponding electrical connector of the battery powered device.
19. (Original) The method of claim 15 wherein the first battery subassembly exhibits an energy capacity less than the threshold for triggering higher shipping costs due to regulations.
20. (Currently Amended) The method of claim 15 wherein the first and second battery subassemblies are shipped-separated-from-one-another-prior-to-connecting-the-first battery subassembly-to-the-second-battery-subassemblyconnected to form the completed battery.
21. (Original) The method of claim 15 wherein the second battery subassembly exhibits a energy capacity less than the threshold for triggering higher shipping costs due to regulations.
22. (Currently Amended) The method of claim 15 wherein the first battery subassembly exhibits a first cell chemistry.

23. (Original) The method of claim 22 wherein the second battery subassembly exhibits a second cell chemistry.
24. (Original) The method of claim 23 wherein the first cell chemistry is different from the second cell chemistry.
25. (Original) The method of claim 24 wherein the first cell chemistry is lithium ion chemistry.
26. (Original) The method of claim 24 wherein the second cell chemistry is nickel metal hydride chemistry.
27. (Original) The method of claim 16 wherein the first battery subassembly and second battery subassembly are in parallel when connected to form the completed battery.
28. (Original) The method of claim 16 wherein the first battery subassembly and the second battery subassembly are in series when connected to form the completed battery.
- | 29. (Currently Amended) An—A method of manufacturing and shipping an information handling system (IHS) comprising:
  - a processor;
  - a memory coupled to the processor; and
  - a battery bay for receiving a battery assembly therein, the battery assembly providing power to the processor and the memory, the battery assembly including:
    - a first battery subassembly including a subassembly to subassembly electrical connector and a device power connector for supplying power to the battery powered device, the first battery subassembly including a subassembly to subassembly mechanical connector; and
    - a second battery subassembly including a subassembly to subassembly electrical connector for electrically connecting to the subassembly to subassembly electrical connector of the first battery subassembly, the second battery subassembly including a subassembly to subassembly mechanical

- connector for mechanically connecting to the subassembly to subassembly mechanical connector of the first battery subassembly; and  
shipping the first and second subassemblies packaged separately in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery.
30. (Original) The IHS of claim 29 wherein the first battery subassembly and the second battery subassembly are electrically and mechanically connecting together to form a completed battery assembly.
31. (Previously Presented) The IHS of claim 29 wherein the first battery subassembly exhibits a energy capacity less than the threshold for triggering higher shipping costs due to regulations.
32. (Previously Presented) The IHS of claim 29 wherein the second battery subassembly exhibits a energy capacity less than the threshold for triggering higher shipping costs due to regulations.
33. (Previously Presented) The IHS of claim 29 wherein the first battery subassembly exhibits a first cell chemistry
34. (Previously Presented) The IHS of claim 33 wherein the second battery subassembly exhibits a second cell chemistry.
35. (Previously Presented) The IHS of claim 34 wherein the first cell chemistry is different from the second cell chemistry.
36. (Previously Presented) The IHS of claim 34 wherein the first cell chemistry is lithium ion chemistry.

37. (Previously Presented) The IHS of claim 34 wherein the second cell chemistry is nickel metal hydride chemistry.
38. (Currently Amended) A method of manufacturing and shipping a battery powered device comprising:
- electrical circuitry which requires power to operate; and
- a housing in which the electrical circuitry is situated, the housing including a battery bay for receiving a battery assembly therein, the battery assembly including:
- a first battery subassembly including a subassembly to subassembly electrical connector and a device power connector for supplying power to the battery powered device, the first battery subassembly including a subassembly to subassembly mechanical connector; and
- a second battery subassembly including a subassembly to subassembly electrical connector for electrically connecting to the subassembly to subassembly electrical connector of the first battery subassembly, the second battery subassembly including a subassembly to subassembly mechanical connector for mechanically connecting to the subassembly to subassembly mechanical connector of the first battery subassembly; and
- shipping the first and second subassemblies packaged separately in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery.